

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
17 February 2005 (17.02.2005)

PCT

(10) International Publication Number
WO 2005/014595 A1

(51) International Patent Classification⁷: **C07D 487/04**,
A01N 43/90

Zsuzsanna [HU/HU]; Institut of Chemistry, Chemical
Research Center, Pusztaszeri ut 59, H-1025 Budapest
(HU). **FEUCHT, Dieter** [DE/DE]; Ackerweg 9, 40789
Monheim (DE).

(21) International Application Number:
PCT/EP2004/008010

(22) International Filing Date: 17 July 2004 (17.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03017317.3 31 July 2003 (31.07.2003) EP

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(71) Applicant (for all designated States except US): **BAYER
CROPSCIENCE GMBH** [DE/DE]; Brüningstr. 50,
65929 Frankfurt (DE).

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

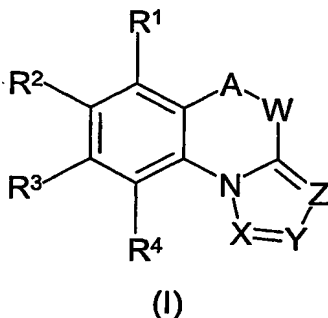
(75) Inventors/Applicants (for US only): **KÖHN, Arnim**
[DE/DE]; Tannenring 118, 65207 Wiesbaden (DE).
GIENCKE, Wolfgang [DE/DE]; Am Steinberg 45,
65719 Hofheim (DE). **HELMKE, Hendrik** [DE/DE];
Taunusstrasse 49, 65853 Liederbach (DE). **GARCIA
Marques, Kenneth** [ES/ES]; C/Vall d'Aran, S-08320 El
Masnou (ES). **AULER, Thomas** [DE/DE]; Bonner Strasse
15, 65812 Bad Soden (DE). **HILLS, Martin** [GB/DE];
Izselgrund 5b, 65510 Idstein (DE). **HAJOS, György**
[HU/HU]; Institut of Chemistry, Chemical Research Cen-
ter, Pusztaszeri ut 59, H-1025 Budapest (HU). **RIEDL,**

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: THE USE OF FUSED RING-1,2,4-BENZOTRIAZINE DERIVATIVES AS HERBICIDES OR PLANT GROWTH
REGULATORS FOR THE CONTROL OF UNDESIRE PLANTS OR VEGETATION, COMPOUNDS AND COMPOSITIONS
THEREOF, AND PROCESSES FOR THEIR PREPARATION



(57) Abstract: The invention relates to the use of a compound of Formula (I) or a salt thereof wherein A-W, X, Y, Z, R¹, R², R³ and R⁴ are defined in the description, as herbicides or plant growth regulators for the control of undesired plants or vegetation, to compounds and compositions thereof, and to processes for their preparation.

WO 2005/014595 A1